



DoD Instruction 5000.88, Engineering of Defense Systems

- 3.6. SPECIALTY ENGINEERING, d. Human Systems Integration. The LSE will:
 - (1) Working for the PM, use **a human-centered design approach** for system definition, design, development, test, and evaluation to optimize human-system performance.
 - (2) **Conduct frequent and iterative end user validation of features and usability** for identifying, communicating, and visualizing user needs under defined operational conditions and expected mission threads.
 - (3) Working for the PM, **ensure human systems integration risks are identified and managed throughout the program's life-cycle**. For more information, refer to Enclosure 7 of DoDI 5000.02T.
- (3) For MDAPs, ACAT II, and ACAT III programs, the **SEP will contain these elements**, unless waived by the SEP approval authority:
 - (t) **Specialty engineering** and architectural factors as described in Paragraphs 3.6. and 3.7., and any additional applicable design considerations as described in the Defense Acquisition Guidebook

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